

Hamsplatter

February 1999

Volume 28 Issue 2

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President's Corner



The January auction was a blast as usual with Jim Pliett (K9OMA) and Carl Rittenhouse (N9NRO) trading off as auctioneers. There was a total of \$240.00 in items auctioned with the club netting \$83.61 thanks in large part to donations by Ray Cronin (K9KI), Gene Fisher (W9MZH), and Carl Rittenhouse (N9NRO).

Just a reminder that membership dues are past due for 1999. If you have not paid your dues by now, please take time to either mail in the attached form with your check or, better yet, bring your check to the next meeting on February 19.

The bus trip to Dayton is definitely on for this year. Carl Rittenhouse is coordinating this even. See his article later in this Hamsplatter (pg 6).

Next Regular Meeting will be - Friday, February 19, 1999 at 7:30 PM. The program following the meeting will be by Adolph Woiniak (WA9WTJ) on the topic of unusual antennas. This should be a very interesting presentation.

See you there!

73s

Bill Stockslager (N9WS)

AMATEUR RULES AND PART 97

INARRL BULLETIN 05-99

by Don Evilsizor

There is a little something in here for the new or old amateur radio operator. I can imagine that your copy of FCC part 97 rules and regulations is possibly outdated if you are an old timer. These rules are periodically updated with new and pertinent information. I know that some of you may not consider getting the latest publication, but some of these Frequently Asked Questions drive home a point.

I have overheard words to the effect that new hams are being told that they cannot operate on the air until receipt of their hard copy license in the mail. That is not true!

There are numerous other misconceptions out there in ham radio land whereby some of us are not keeping up with the times. The rules of today are not the same as that of 1930, 1950 or the years in between.

Believe it or not, I have had old timer hams tell me they were afraid to get on the air because they were not confident where their class of ticket would permit them to operate! I gave them a frequency chart, but here again rules are subject to change.

How many operators even own a copy of the required FCC part 97 document?

Well lets go on and the rest of this bulletin is a direct take from the FCC web page.

Amateur Radio Service Communications Answers to Frequently Asked Questions

The following are answers to frequently asked questions

**Next Club Meeting - Friday,
February 19, 1999, 7:30 PM
Good Sherpherd United
Methodist Church, corner of
Vance Ave. & Reed Rd.**

**Program: Weird Antennas
presented by
Adolph Wozniak, WA9WTJ
Be There !**

continued on page 5

January Meeting Minutes

1. The January meeting of the Ft. Wayne Radio Club occurred on 16 January, 1999. It was held at the Good Shepherd United Methodist Church and was co-hosted by President Bill Stockslager. There were about 40 members present.



1. As this meeting was the annual club auction it was agreed there would be no business meeting. Instead, everyone partook in buying and selling precious examples of the electronics arts masterfully marketed by auctioneers Jim ("Silver Tongue") Pliett and Carl ("Sales Resistance is Futile") Rittenhouse. Ten percent of the proceeds from the auction accrued to the Club. Many basements and shacks were emptied; and it is estimated by the Editor that an equal number were promptly filled back up.

3. Although there was no business meeting, the 50-50 Club was in operation. The proceeds from the \$24.00 pot were split between the club treasury and winner Bill Hall.

RESPECTFULLY SUBMITTED

AL BURKE, WB9SSE

IMPORTANT:

Changes to the 146.76 Repeater

Due to a recent rash of '76 Repeater kerchunking, as a result of band enhancement conditions, weather conditions and possibly some intermittent intermodulation of strong out of band signals, I made a slight change to the repeater controller. There is now a 2 second delay for an initial key-up. Following key-ups have no delay, until the repeater drops for 30 seconds, at which time it will re-arm and the next key-up will have a 2 second delay. This change appears to have eliminated most of the kerchunking, resulting in more pleasant monitoring, while prolonging the life of the repeater. I would appreciate any and all feedback of any problems or suggestions for future fine tuning.

73's, Carl N9NRO

COLOMBIAN QUAKE SPRINGS HAMS TO ACTION

from *The ARRL Letter*, Vol 18, No 5

Amateur Radio nets activated in short order on 20 and 40 meters following an earthquake January 25 in West Central Colombia. The quake, measuring 6 on the Richter scale, killed more than 1000 people, injured thousands of others, and caused major structural damage. The Salvation Army reports more than 150,000 people missing in Colombia's mountainous coffee-growing region. The initial tremor and some aftershocks were felt in the capital city of Bogota. News media in Colombia were reporting "chaos" in the city of Armenia, where some residents stormed and looted stores and supermarkets when relief supplies failed to materialize. Martial law was declared there.

"In most cases, the problem is in the distribution," said Dallas Carter, W3PP, in Laurel, Delaware. Carter monitored some of the first reports of the quake via Amateur Radio on a 20-meter relief net run by HK3SA and HK3RQA and has been assisting as a US net control—sometimes for as long as 12 hours a day. Amateur activities were taking place on 14.347 MHz and locally on 7.085 and 7.090 MHz.

Ham radio was a major source of information out of the affected area in the hours immediately following the disaster. "They are requesting blood, water, medical assistance, rescue equipment," Carter said this week. He said HK3SA was flown into the city of Armenia and has set up an HF operation to maintain contact via 40 and 20 meters to directly handle international health-and-welfare requests as well as keep in touch with the capital. He said 2-meter repeaters were being used for local emergency coordination.

The Salvation Army Team Emergency Radio Network (SATERN) has established contact with hams in Colombia and a net on 14.265 MHz and was helping with inquiries about victims. At this point, most of the health-and-welfare traffic was coming into the US from the stricken regions, while not much was going into the area. The Salvation Army's Michael Koenemund, KB1CKF, reported that the Salvation Army had dispatched a 10-member assessment and first response team from Bogota to the affected cities of Pereira and Ibaque. "The team will render primary services, including food, water and shelter," he said.

The International Red Cross in Colombia has dispatched a team of 80, plus relief equipment and supplies "There's an extreme shortage of doctors," Carter said. "They're still digging people out."

The ARRL has offered its assistance to the Liga Colombiana de Radioaficionados (LCRA), the League's IARU sister society in Colombia.

Media in Bogota have set up Web sites with information from the affected areas including lists of individual names and status. See <http://www.rcntv.com.co> or <http://www.eureka.com.co/terremoto/> (Spanish) or <http://www.eureka.com.co/terremoto/indexEn.html> (English).

NEED
TO
KNOW

TORNADOES, CLEANUP KEEP DIXIE HAMS BUSY

from *The ARRL Letter*, Vol 18, No 5

Additional severe weather hit parts of the South January 22, less than a day after tornadoes killed eight people in Arkansas and injured many others in Arkansas and Tennessee. Amateur Radio operators volunteered as needed in the wake of the January 21 tornadoes as well as the storms the following day reported in Louisiana, Texas, Mississippi, and Alabama. Few additional injuries and no deaths were reported, and damage for the most part was minimal.

Arkansas Section Manager Roger Gray, N5QS, reported several amateurs working with cleanup crews, disaster assessment teams, or Red Cross mobile feeding stations after the January 21 tornadoes that swept the Little Rock area and badly damaged the town of Beebe.

ARES nets were activated on both local VHF repeaters and on 75 meters after more than 30 tornadoes touched down in White County. "I personally saw one pass within one mile of my house and within a half mile of [ARRL Vice President Joel Harrison] W5ZN's house. Gray says White County ARES closed down January 26 after nearly a week's operation. Gray reports that on several occasions as the storms developed, various net control stations were forced to take cover and hand over NCS duties to another station. White County EC James Wiles, KK5WM, in Beebe, was forced to seek shelter after his home suffered tornado damage. "He was later able to return to salvage his radio equipment and set up a station at a shelter and man it single-handed through the night," Gray said.

A health-and-welfare and disaster recovery net evolved from the storm-spotting net after the storms had passed through, and net control moved to Red Cross headquarters. Gray said more than 70 hams assisted with traffic for the Red Cross and Salvation Army as well as health-and-welfare inquiries, emergency, and general disaster recovery. "Three crossband repeaters were in operation to allow low-power stations to access distant repeaters," he said. Hams also made temporary repairs to the local ambulance service base station antenna.

In Tennessee, Madison County EC Kenny Johns, AB4EG, worked with volunteers from several areas to assist the Red Cross with damage assessment in 19 affected counties. Johns said in Jackson and in Madison County, more than 300 homes, apartments and mobile homes were completely destroyed. Another 357 received extreme damage. ARRL Delta Division Vice Director Henry Leggette, WD4Q, visited the Jackson area January 28 and met with

members of John's club, the West Tennessee Amateur Radio Society, who were coordinating activities on VHF and UHF. He reported that more than 200 hams helped out in some way after the storms. "This made me very proud to be an Amateur Radio operator," Leggette said.

The town of Clarksville, Tennessee, also received significant damage from the January 22 storms. Under the direction of Albert Furlow, KA1FFO, members of the Clarksville Amateur Radio Transmitting Society's (CATS) disaster team activated a SKYWARN net. After the storm, CAT members worked with the Red Cross and emergency officials, passing spot information and later assisting with damage assessment. Furlow reports hams also will help with the cleanup effort this weekend.

Also on January 22, National Red Cross Headquarters requested Virginia ARES to follow up after a reported F4 tornado struck the northeastern Mississippi town of Corinth, cutting off contact with the community of approximately 14,000. The Red Cross contacted Virginia ARES to attempt to get information on possible damage and injuries. Volunteers were able to get information via the Mississippi Emergency Net indicating trees and power lines down and some property damage, but no deaths and only one injury. Virginia ARES relayed all information to the Red Cross, which indicated that it was the first news they had received from the affected area.

James Wiles, KK5WM was forced to seek shelter after his home suffered tornado damage. "He was later able to return to salvage his radio equipment and set up a station at a shelter and man it single-handed through the night."

LEAGUE SEEKS ULS CHANGES

from *The ARRL Letter*, Vol 18, No 5

The ARRL has asked the FCC to make some minor alterations to its impending Universal Licensing System rules. The ULS, being phased in by the FCC throughout 1999, will consolidate application forms and procedures for several FCC services. Among other things, it will replace the venerable FCC Form 610 series with a new Form 605 and will provide for electronic filing, modification, and renewal for amateurs.

The ULS Report and Order was issued last October by the FCC, which also took the occasion to amend the rules to make it easier for foreign hams to operate temporarily in the US.

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► LEAGUE SEEKS... cont'd. from pg. 3

In a petition for partial reconsideration, the League said it wants the FCC to continue to issue paper license documents; to come up with a way for applicants not having a Taxpayer Identification Number—typically a Social Security Number—to meet ULS requirements to provide one; and to include on Form 605 a section for Volunteer Examiners to certify that an applicant has met the requirements for a new or upgraded ham ticket. In addition, the League plans to ask the FCC to restore wording in Section 97.15(e) that references the limited federal preemption, PRB-

The ARRL already has expressed concerns over FCC suggestions that the agency might do away with paper license documents altogether...

the FCC's computerized amateur database. In its latest filing, January 12, the League said that in some states that regulate possession of scanning receivers but exempt amateurs, inability to produce a license document could result in "arrest and criminal prosecution as well as seizure of equipment by local law enforcement." The League said hams operating overseas also often must produce a paper document. The ARRL noted that the CEPT agreement requires US hams traveling in CEPT countries to possess a US government-issued license document and that ITU regulations "appear to require" a government-issued license document.

The League also called on the FCC to devise a means for those not holding a TIN—such as foreigners who hold US ham tickets—to comply with the ULS rules which require an applicant to provide one. "One possibility for these persons would be for the Commission to issue them some substitute TIN or some other type of registration number," the League proposed.

Finally, the ARRL pointed out to the FCC that neither the main Form 605 nor the Amateur Radio Schedule D contains a section for VE certifications and called on the Commission to modify the form to include the section as it now appears on Form 610.

1. The section was inadvertently deleted during the Commission's redrafting of the rules to accommodate the ULS changes.

The ARRL already has expressed concerns over FCC suggestions that the agency might do away with paper license documents altogether and rely instead on the "license grant"—the virtual document that resides within

MultiMode

Hams who run Macintosh computers may wish to check out MultiMode. MultiMode is an application which allows your Macintosh to decode several different modes of non-voice communication often heard on shortwave.

In the past, dedicated hardware, often costing hundreds or thousands of dollars, was necessary to demodulate and decode these transmissions. Today, you can use the processing power of your Macintosh to decode and display these modes, without any additional hardware.

MultiMode decodes the following formats:

- Morse Code (CW)
- RTTY (Baudot)
- ASCII
- SITOR-A
- SITOR-B / FEC / NAVTEX
- FAX
- ACARS
- WWVB Time Decode
- SSTV
- DTMF Tones
- EIA Tones
- CCIR Tones
- XPH Tones
- Audio Spectrum Display

Check it out at:

<<http://www.blackcatsystems.com/software/multimode.html>>.

New Canadian Prefix

from *The ARRL Letter*, Vol 18, No 4

New Canadian prefix: The territory of Nunavut comes into existence April 1, 1999, and with it, a new Amateur Radio prefix. Radio Amateurs of Canada has announced that Nunavut will get the prefix VY0 "to ensure a unique identification for the new territory." However, there are no plans to add the new territory to the list of ARRL November Sweepstakes multipliers. Nunavut, which means "our land" in the Inuktitut language will be comprised of the eastern portion of the present Northwest Territories. The new territory will be about five times the size of Alberta but has a population of just 24,000, some 85% of whom are Inuit. The VE8 prefix will remain in use for the western Northwest Territories, which may get a new name as a result of the partitioning. For more information on Nunavut, see <http://www.ccu-cuc.ca/en/library/nunavut.html>.

► Part 97 – cont'd. from pg. 1

about communications appropriate for the amateur service. See Part 97 of the Commission's Rules, 47 C.F.R. Part 97, ("rules") for the complete regulations.

Q. Can I operate my station as soon as I see that information about my amateur operator/primary station license grant appears on the amateur service data base?

A. Yes. You have authority to operate when the information about your license grant appears on the data base.

Q. Does this mean that I don't have to wait until the license document arrives in the mail?

A. That is correct. You do not have to have the license document in your possession in order to operate.

Q. I have my license grant. Can I operate my station (in a specific manner) without prior approval from the FCC?

A. Yes, you can operate your station as long as you comply with the rules.

Q. May my station transmit (a certain type of communication) on amateur service frequencies?

A. You determine for yourself whether your communications should be transmitted on amateur service frequencies.

Q. What are the standards that I should use when deciding whether or not my station should transmit a certain type of communications?

A. Section 97.113 provides four general standards for you to observe. In summary, any amateur-operator-to-amateur-operator communication is permitted, unless it is:

1. Specifically prohibited, or
2. Transmitted for compensation, or
3. Done for the pecuniary benefit of the station control operator, or
4. Done for the pecuniary benefit of the station control operator's employer.

Q. Do these standards also apply to repeaters? Packet? Message forwarding? ATV? Phone nets? Bulletin stations?

A. Yes. They apply to all amateur service communications.

Q. Why doesn't the FCC just provide me with a list of communications suitable/unsuitable for the amateur service?

A. A request to develop and maintain a list of anecdotal examples has been considered. See Report and Order in PR Docket No. 92-136 adopted July 15, 1993, 58 Fed. Reg. 43071, August 13, 1993; 8 FCC Rcd 5072 (1993). The FCC, however, declined to devote staff resources to such a project. In summary, there are two reasons:

1. There would have to be thousands of examples.
2. To maintain a list would necessitate that the FCC intrude upon the day-to-day functioning of the amateur service to a far greater degree than is desirable.

My latest FCC part 97 on site here is 13th revised edition dated October 1998.

Say amateurs, you got any news for the INARRL BULLETIN MANAGER? I am always looking for news/events and what is going on in your area of our Hoosier state, it is easy to find me!

packet: KA9QWC@KF9UG.#NIN.IN.USA.NOAM

EMAIL: don39@whitleynet.org

Tel: 219-723-4793, answering machine is on if I'm out...on the farm.

HF radio: I am usually on our Indiana Traffic Net (ITN) on a daily basis in the mornings, 3.910 MHz 08:30 local time, also sometimes on the 1630 & 1800 sessions. I frequently get on both Indiana QIN CW nets on 3.656 at 09:30 AM, 7 PM and the Indiana Code Net (ICN) on 3.705 MHz.

You have authority to operate when the information about your license grant appears on the data base.

Windows 2000 Error Messages

The following are just some of the new Windows 2000 error messages that are under consideration for the planned Windows 2000:

1. Enter any 11-digit prime number to continue.
2. Press any key to continue or any other key to quit.
3. Press any key except... no, No, NO, NOT THAT ONE!
4. Bad command or file name! Go stand in the corner.
5. Windows message: "Error saving file! Format drive now? (Y/Y)"
6. BREAKFAST.SYS halted... Cereal port not responding.
7. File not found. Should I fake it? (Y/N)
8. Runtime Error 6D at 417A:32CF: Incompetent User.
9. WinErr 16547: LPT1 not found. Use backup. (PENCIL & PAPER.SYS)
10. Your hard drive has been scanned and all stolen software titles have been deleted.

For Sale, Trades, Wants, etc.



For Sale:

- Hy-Gain vertical single band antenna, inductor tunable to any band 80-10 Meters, ground or tower mountable, radials needed for best performance. \$40

• Tucker mobile HF antenna tuner: 300W, SO-239 in/out, lighted cross-needle display, hardly used. \$50

• JSR Engineering mobile HF antenna tuner: 300W, SO-239 in and balanced outputs, SWR meter. \$50

• HP Deskjet 500C ink jet printer. Works great, has nearly new black ink cartridge and barely used color cartridge. Asking \$80.

Contact: Kevin, KB9RLW, at 422-3317 after 6PM or kloughin@prodigy.net

• 486 4 mg, desktop Compu-add computer. Comes with keyboard and mouse.

• 486 4 mg, desktop Compu-add computer. Needs a hard drive.

• 286 computer

• Tower Case with power supply

• 1 IBM wide carriage 24 pin dot matrix printer.

• Radio Shack 800 mgz mobile/base scanner, only used 1 month, still in box w/manual, antenna, ac/dc pwr supply.

\$125.00 An identical scanner is listed in Gall's Police and Fire Catalog as a Uniden model for 264.00. All prices are negotiable.

Call Gene Reed, KB9KKG, 627-6442 evenings, kb9kkg@juno.com e-mail

• ICOM IC-706 Like New Condition Included Is The Microphone, Duplexer, Separation Cable, Power Cord And Mounting Bracket For Mobile Use. Asking \$775.00 O.B.O.

• YAESU VX-1R, Comes With Soft Case, Car Cord And Windows Programming Software. Excellent Shape. Asking \$190.00 O.B.O. Call Richard-N9PDX At (219)486-1432 After 4:30PM

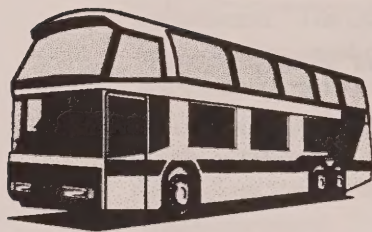
Wanted:

• Kenwood SMC-30 Speaker Mic for a Kenwood 225 HT.

Contact: Greg, N9EYO at (219) 424-2191 or Greg.White@fwcs.k12.in.us

NOTE: For Sale & Wanted items will be listed for 2 months only unless the ad is resubmitted. If you sell an item the first month, please contact the editor so the item can be removed. Thank you.

Dayton Hamvention Bus Trip



The Fort Wayne Radio Club will again sponsor a Charter Bus trip to the Dayton Hamvention, Saturday May 15.

Departure will be from the Raytheon (Old Magnavox) parking lot across from the

Seyfert's plant, at 4:00 AM sharp. We will be parking next to the flea market, and will have bus access all day. Reservations will be accepted CONTINGENT on filling the bus, so let's support the club's efforts and get your reservations in EARLY. If the bus isn't filled by April 15, the trip will be cancelled and all monies refunded. The bus fee includes coffee, doughnuts, orange juice, and assorted soda. Reservations must include a check payable to FWRC in the amount of \$36.00, which includes \$20.00 for the bus and \$16.00 for an advance Hamvention ticket. Send all reservations to: Carl Rittenhouse 4661 Trier Rd. Fort Wayne IN 46815. Phone for more information: (219) 485-4012.

73's, Carl, N9NRO

Upcomming Regional Hamfests

February 14.....	Rock Island, IL
February 14.....	Mansfield, OH
February 21.....	Farmington Hills, MI
February 27-28	Cincinnati, OH
February 28.....	Circleville, OH
February 28.....	Cuyahoga Falls, OH
March 7	Waukesha, WI
March 14	Sterling, IL
March 14	Indianapolis, IN
March 14	Conneaut, OH
March 20	Marshall, MI
March 21	Maumee, OH
March 28	Madison, OH
April 11	Madison, WI
April 25	Arthur, IL
April 25	Athens, OH
May 1	Cedarburg, WI
May 14-16	Dayton, OH

Membership Data: (Give this form to the treasurer at any FWRC meeting or mail to the address below)

Name _____ Call _____ Class: ☐ N ☐ T ☐ G ☐ A ☐ AE

Street _____

City _____ State ____ Zip _____

Home Phone: _____

Work Phone: _____

E-mail: _____

MEMBERSHIP HANDBOOK – Provided at no cost to club members, this handbook provides a full set of information about present and past club activities, events, and functions. The handbook is available in a clear cover binder, and is upgradeable by easy insertion of new pages into the binder.

The FWRC is moving toward electronic information distribution. Are you interested in receiving information from the club by E-MAIL? ☐ Y ☐ N

Shall we list your address and phone number in the membership roster ☐ Y ☐ N?

Are you presently an ARRL member ☐ Y ☐ N?

Membership Term: ☐ (Jan - Dec) ☐ (Jul - Dec)

Family Membership: ☐ \$21.00/yr ☐ \$10.50/yr immediate family (list all callsigns)

Regular Membership: ☐ \$15.00/yr ☐ \$7.50/yr licensed member

Student Membership: ☐ \$6.00/yr ☐ \$3.00/yr full time student

Associate Membership: ☐ \$15.00/yr ☐ \$7.50/yr unlicensed member

Your Check Number _____ please pay by check. It's easier for both of us.

Mail to: The Fort Wayne Radio Club
PO Box 15127
Fort Wayne, IN 46885

Fort Wayne Radio Club Repeaters

Voice: 146.76/16

146.94/34

444.875/449.875

ATV: 439.25 In, 910.250 Out

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, via e-mail victor9444@aol.com. Please put "for Hamsplatter" in the Subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

Deadline for the March issue: 3/4/99.

Area Traffic Nets

(please submit any changes or corrections to the editor)

IMO: meets nightly at 2330 UTC (6:30 PM) on 146.88

Auburn: meets Mon, Wed., Thur., Fri., & Sat. at 2300 UTC (6 PM) on 147.015+

21 Repeater Group: meets each Wednesday at 0200 UTC (9 PM) on 147.150

Fort Wayne 6M net: meets nightly at 0000 UTC (7 PM) on 50.58 AM

Miscellaneous Nets

Huntington ARES: Sat/Tues at 0100 UTC (8 PM) on 146.685

Portside: 3rd Wednesday at 0030 UTC (7:30 PM) on 444.300

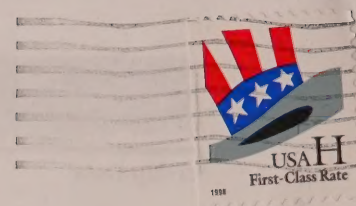
Whitley Co. / ARES: Wednesdays at 0015 UTC (7:15 PM) on 145.270 - (Note 131.8 PL disabled for all nets)

Whitley Co. Sunday: Sundays at 0045 UTC (7:45 PM) on 444.550+. (The 146.460 simplex crossbanding from both nets has been dropped.)

Sloppy Code Net: Sundays at 0200 UTC (9 PM) on 40M (7.1405 MHz). This CW net's purpose is to build confidence and help increase code speed. The speed is generally 1-10 WPM. If you want to copy only contact Henry, KA9ZNN at 749-8968 for details.

Be sure to visit the Fort Wayne Radio Club on the Internet: <http://home1.gte.net/n9iww2/fwrc/>

THE FORT WAYNE RADIO CLUB
PO BOX 15127
FORT WAYNE, IN 46885



TO:

